

# Freight Shipments To, From, and Within North Dakota

The following tables summarize data from the new and improved version of the Freight Analysis Framework (FAF<sup>2</sup>). FAF<sup>2</sup> integrates data from several sources to estimate commodity flows and related freight transportation activity among major metropolitan areas, states, regions, and international gateways. FAF<sup>2</sup> data should not be compared with the original FAF data because estimation methods have been improved and data coverage is more complete. Additional information is available at www.ops.fhwa.dot.gov/freight/freight\_analysis/faf.

#### **Shipments by Mode: 2002**

| Tons (millions)               |                            |         |            |         |          |         |              | Value (\$ millions) |            |        |          |        |  |  |
|-------------------------------|----------------------------|---------|------------|---------|----------|---------|--------------|---------------------|------------|--------|----------|--------|--|--|
|                               | Within State               |         | From State |         | To State |         | Within State |                     | From State |        | To State |        |  |  |
|                               | Number                     | Percent | Number     | Percent | Number   | Percent | Number       | Percent             | Number P   | ercent | Number P | ercent |  |  |
| Total                         | 108.3                      | 100     | 67.7       | 100     | 32.4     | 100     | 14,768.6     | 100                 | 23,050.6   | 100    | 11,508.7 | 100    |  |  |
| Truck                         | 67.2                       | 62      | 20.5       | 30      | 9.2      | 28      | 12,857.9     | 87                  | 9,532.4    | 41     | 3,933.0  | 34     |  |  |
| Rail                          | 1.6                        | 1       | 14.6       | 21      | 4.4      | 13      | 107.8        | <1                  | 2,570.4    | 11     | 1,198.4  | 10     |  |  |
| Water                         | <0.1                       | <1      | <0.1       | <1      | <0.1     | <1      | 0.2          | <1                  | <0.1       | <1     | <0.1     | <1     |  |  |
| Air, air & truck              | <0.1                       | <1      | <0.1       | <1      | <0.1     | <1      | <0.1         | <1                  | 57.1       | <1     | 2.1      | <1     |  |  |
| Truck & rail                  | <0.1                       | <1      | <0.1       | <1      | <0.1     | <1      | <0.1         | <1                  | 2.3        | <1     | 65.9     | <1     |  |  |
| Other intermodal <sup>1</sup> | <0.1                       | <1      | <0.1       | <1      | <0.1     | <1      | 218.0        | 1                   | 1,038.3    | 5      | 569.7    | 5      |  |  |
| Pipeline & unknow             | <b>n</b> <sup>2</sup> 39.4 | 36      | 32.6       | 48      | 18.8     | 58      | 1,584.7      | 11                  | 9,850.1    | 43     | 5,739.6  | 50     |  |  |

<sup>&</sup>lt;sup>1</sup>Other intermodal includes U.S. Postal Service and courier shipments and all intermodal combinations other than truck and rail and air and truck; <sup>2</sup>Pipeline and unknown shipments are combined because data on region-to-region flows by pipeline are statistically uncertain. Note: Numbers may not add to totals due to rounding.

#### **Top Commodities: 2002**

|                 | Tons (million |                           | Value (\$ millions) |                           |       |                 |          |                           |                        |                           |                          |
|-----------------|---------------|---------------------------|---------------------|---------------------------|-------|-----------------|----------|---------------------------|------------------------|---------------------------|--------------------------|
| Within State    |               | From State                |                     | To State                  |       | Within State    |          | From State                |                        | To State                  |                          |
| Total           | 108.3         | Total                     | 67.7                | Total                     | 32.4  | Total           | 14,768.6 | Total                     | 23,050.6               | Total                     | 11,508.7                 |
| Coal            | 39.3          | Coal, n.e.c. <sup>1</sup> | 29.3                | Coal, n.e.c. <sup>1</sup> | 19.6  | Machinery       | 2,507.2  | Coal, n.e.c. <sup>1</sup> | 8,953.0                | Coal, n.e.c. <sup>1</sup> | 5,684.2                  |
| Cereal grains   | 34.9          | Cereal grains             | 21.8                | Fertilizers               | 2.1   | Cereal grains   | 2,140.7  | Machinery                 | 2,718.0                | Machinery                 | 1,119.2                  |
| Crude petroleum | 4.9           | Crude petroleum           | 3.7                 | Nonmetal min. prods.      | 2 1.5 | Unknown         | 951.3    | Cereal grains             | 1,869.1                | Mixed freight             | 677.2                    |
| Waste/scrap     | 4.7           | Other foodstuffs          | 3.1                 | Gravel                    | 1.5   | Other ag prods. | 937.8    | Motorized vehicles        | s <sup>3</sup> 1,300.7 | Fertilizers               | 478.7                    |
| Gravel          | 3.7           | Other ag prods.           | 2.5                 | Cereal grains             | 1.4   | Gasoline        | 735.1    | Other foodstuffs          | 1,187.2                | Nonmetal min. p           | rods. <sup>2</sup> 457.2 |

 $<sup>^{1}</sup> Coal \ and \ petroleum \ products, not \ elsewhere \ classified; \\ ^{2} Nonmetallic \ mineral \ products; \\ ^{3} Motorized \ and \ other \ vehicles \ (including \ parts).$ 

### **Top Trading Partners: 2002**

|              | Tons (r | millions) |               | Value (\$ millions) |     |  |  |
|--------------|---------|-----------|---------------|---------------------|-----|--|--|
|              | Number  | Percent   | Number Percen |                     |     |  |  |
| Total        | 100.2   | 100       | Total         | 34,559.3            | 100 |  |  |
| Foreign      | 5.8     | 6         | Foreign       | 2,306.7             | 7   |  |  |
| Domestic     | 94.3    | 94        | Domestic      | 32,252.6            | 93  |  |  |
| Minnesota    | 37.5    | 37        | Minnesota     | 10,202.6            | 30  |  |  |
| South Dakota | 20.0    | 20        | South Dakota  | 6,674.6             | 19  |  |  |
| Montana      | 18.2    | 18        | Montana       | 5,848.9             | 17  |  |  |

Note: Numbers may not add to totals due to rounding.

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## For more information, please contact

Tianjia Tang 202-366-2217 Tianjia.Tang@fhwa.dot.gov





Federal Highway
Administration